

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-20 (Canceled)

21. (New) A process for producing an amine reaction product comprising the steps of:
 - a.) contacting, at a temperature of from 5°C to 80°C, a polyethyleneimine with an active ketone and/or aldehyde material, in the absence of solvent and/or drying agent, to form a reaction mixture comprising an amine reaction product; and
 - b.) recovering said amine reaction product from said mixture.
22. (New) A process according to Claim 21, wherein said contacting step is conducted at a temperature range of from 15°C to 60°C.
23. (New) A process according to Claim 21, wherein said reaction mixture is maintained at a substantially constant temperature.
24. (New) A process according to Claim 21, wherein said contacting occurs in a twin screw extruder or mixing tank.
25. (New) A process according to Claim 21, wherein said active ketone and/or aldehyde material is selected from the group consisting of a flavour ketone or aldehyde ingredient, a pharmaceutical ketone or aldehyde active, a biocontrol ketone or aldehyde agent, a perfume ketone or aldehyde component, a refreshing cooling ketone or aldehyde agent and mixtures thereof.
26. (New) A process according to Claim 21, wherein said active ketone and/or aldehyde material is selected from the group consisting of an insect repellent, moth repellent or mixtures thereof.

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27. (New) A process according to Claim 21, wherein said active ketone and/or aldehyde material comprises an antimicrobial.
28. (New) A process according to Claim 21, wherein said active ketone and/or aldehyde material comprises a perfume selected from the group consisting of alpha-damascone, delta damascone, Carvone, Gamma-Methyl-Ionone; Damascenone, hedione, 2,4-dimethyl-3-cyclohexen-1-carboxaldehyde, Florhydral, Lilial, heliotropine, trans-2-nonenal, citral, and mixtures thereof.
29. (New) A process according to Claim 21, wherein said amine reaction product is further processed with a carrier having a melting point between 35°C and 135°C to form a particle.
30. (New) A process according to Claim 29, wherein said particle is treated to form a coated particle.
31. (New) A process according to Claim 21, wherein said amine reaction product is further processed with a carrier having a melting point of less than 30°C to form a particle.
32. (New) A process according to Claim 31, wherein said particle is treated to form a coated particle.
33. (New) A process according to Claim 21, wherein said amine reaction product is further processed with an acid carrier.
34. (New) A process according to Claim 33, wherein said particle is treated to form a coated particle.
35. (New) An amine reaction product produced by the process of Claim 21.
36. (New) A composition comprising the amine reaction product of Claim 29.
37. (New) A composition according to Claim 30, said composition being a laundry composition, hard surface cleaning composition or personal cleaning composition.

38. (New) A process for producing an amine reaction product comprising the steps of:
 - a.) contacting, in a twin screw extruder or mixing tank, at a temperature of from 5°C to 80°C, a polyethyleneimine with an active ketone and/or aldehyde material, in the absence of solvent and/or drying agent, to form a reaction mixture comprising an amine reaction product; and
 - b.) optionally, recovering said amine reaction product from said mixture.
39. (New) An amine reaction product produced by the process of Claim 38.
40. (New) A composition comprising the amine reaction product of Claim 39.
41. (New) An amine reaction product produced by the process of:
 - a.) contacting, at a temperature of from 5°C to 80°C, a polyethyleneimine with an active ketone and/or aldehyde material, in the absence of solvent and/or drying agent, to form a reaction mixture comprising an amine reaction product;
 - b.) optionally, recovering said amine reaction product from said mixture; and
 - c.) processing said reaction mixture or said amine reaction product with a carrier having a melting point between 30°C and 135 °C to form a particle.
42. (New) An amine reaction product produced by the process of Claim 41 said process comprising treating said particle to form a coated particle.
43. (New) An amine reaction product produced by the process of:
 - a.) contacting, at a temperature of from 5°C to 80°C, a polyethyleneimine with an active ketone and/or aldehyde material, in the absence of solvent and/or drying agent, to form a reaction mixture comprising an amine reaction product;
 - b.) optionally, recovering said amine reaction product from said mixture; and
 - c.) processing said reaction mixture or said amine reaction product with a carrier having a melting point of less than 30°C to form a particle.
44. (New) An amine reaction product produced by the process of Claim 43 said process comprising treating said particle to form a coated particle.
45. (New) An amine reaction product produced by the process of:

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- a.) contacting, at a temperature of from 5°C to 80°C, a polyethyleneimine with an active ketone and/or aldehyde material, in the absence of solvent and/or drying agent, to form a reaction mixture comprising an amine reaction product;
- b.) optionally, recovering said amine reaction product from said mixture; and
- c.) processing said reaction mixture or said amine reaction product with an acid carrier.

46. (New) An amine reaction product produced by the process of Claim 45 said process comprising treating said particle to form a coated particle.